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APPLICANT : MITSUBISHI MATERIALS CORP;

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TITLE : COMPOSITE TYPE BONE PACKING MATERIAL

ABSTRACT : PROBLEM TO BE SOLVED: To obtain a composite type bone packing material which is capable of developing initial strength and forming the tissue approximate to the vital tissue.

SOLUTION: This composite type bone packing material consists of a combination of a bioabsorbable organic material and calcium phosphate. The bioabsorbable organic material is in the form of fibers, nonwoven fabric or cotton. The bioabsorbable organic material is at least one kind selected from polylactic acid, polyglycolic acid, a copolymer of lactic acid and glycolic acid or collagen. The calcium phosphate compound includes hydroxyapatite, carbonic acid-containing apatite, fluorine apatite, tricalcium phosphate or tetracalcium phosphate.

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